

Converting Colors

CIELCh(84, 4.101, 227.423)

Have a look what the booklet for
CIELCh(84, 4.101, 227.423) contains.

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Color

CIELCh(84, 4.097, 230.352)

Conversions

Conversions Part 1

Format	Color
Hex	C9D3D7
RGB	201, 211, 215
RGB Percent	79%, 83%, 84%
CMY	0.2109, 0.1717, 0.1560
CMYK	0.07, 0.02, 0.00, 0.16
HSL	197°, 15%, 82%
HSV	197°, 7%, 84%
XYZ	59.7914, 64.0658, 73.6562
YIQ	208.4660, -7.2440, -0.8760

Conversions

Conversions Part 2

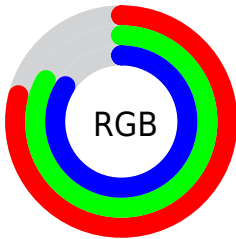
Format	Color
R_{YB}	201, 207, 215
Decimal	13226967
CIE _{Lab}	84.00, -2.61, -3.15
CIE _{LCh}	84, 4.097, 230.352
Yxy	64.0658, 0.3027, 0.3244
Android (android.graphics.Color)	4291417047 (0xFFC9D3D7)
YUV	208.4660, 3.2213, -6.5477
Hunter-Lab	80.0411, -6.7309, 1.4684

Details

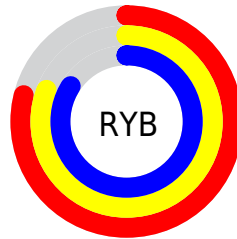
The CIELCh color $84, 4.097, 230.352$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 4.241, 49.249$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $64, 4.064, 223.547$ is the 20% darker color. If you saturate the color by 10%, you get $81, 10.160, 231.063$, and if you desaturate by 10%, it is $87, 2.234, 49.312$.

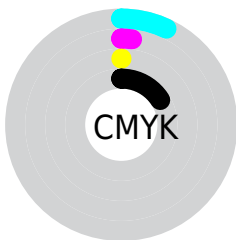
Distribution



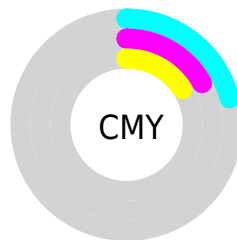
- Red (79%)
- Green (83%)
- Blue (84%)



- Red (79%)
- Yellow (81%)
- Blue (84%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 4.097, 230.352 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 84, 4.097, 230.352 by changing the saturation by 10% instead.

■ 84, 4.097, 230.352

■ 84, 4.097, 230.352

■ 100, 4.097,
230.352

■ 74, 4.097, 230.352

■ 64, 4.097, 230.352

■ 54, 4.097, 230.352

■ 44, 4.097, 230.352

■ 34, 4.097, 230.352

■ 24, 4.097, 230.352

■ 14, 4.097, 230.352

■ 4, 4.097, 230.352

■ 0, 4.097, 230.352

84, 4.097, 230.352

84, 4.097, 230.352

81, 10.160,
231.063

87, 2.234, 49.312

78, 15.883,
232.098

90, 8.770, 49.001

75, 21.187,
233.440

93, 12.005, 57.917

72, 25.994,
235.157

96, 14.469, 89.551

70, 30.237,
237.334

97, 16.888,
100.172

67, 33.876,
240.064

99, 19.730,
107.863

65, 36.915,
243.434

99, 20.103,
108.656

63, 39.430,
247.497

■ 61, 41.576,
252.222

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84, 4.097, 230.352



83, 4.241, 49.249

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 4.097, 230.352



84, 4.097, 280.352



84, 4.097, 50.352



84, 4.097, 100.352

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84, 4.097, 230.322



99, 1.461, 230.306



85, 7.359, 153.227



53, 0.831, 230.321



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 4.097, 230.322



97, 5.761, 230.412



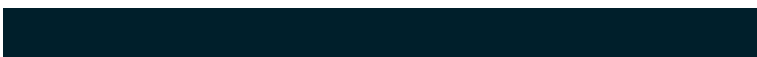
82, 5.896, 280.183



43, 3.537, 230.500



48, 35.396, 253.043



10, 13.053, 242.483

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



82, 7.379, 334.093



95, 10.424, 334.210



85, 5.845, 98.611



42, 6.426, 334.307



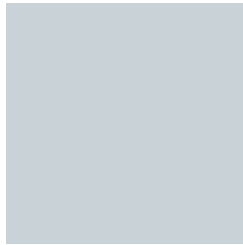
38, 69.097, 343.710



6, 26.737, 340.274

Previews

White Background



This preview shows how the CIELCh color 84, 4.097, 230.352 looks on a white background.

Color Contrast Check

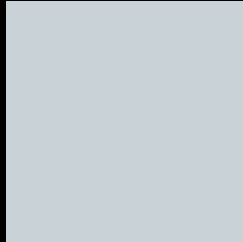
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 4.097, 230.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

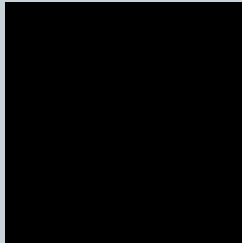
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

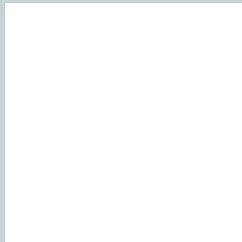
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 4.097, 230.352

Background



This preview shows how black text looks on a background with the CIELCh color 84, 4.097, 230.352.

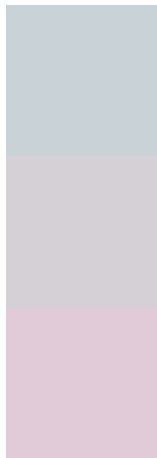


This preview shows how white text looks on a background with the CIELCh color 84, 4.097, 230.352.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

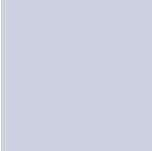
84, 4.097, 230.352

Protanopia

84, 3.029, 318.843

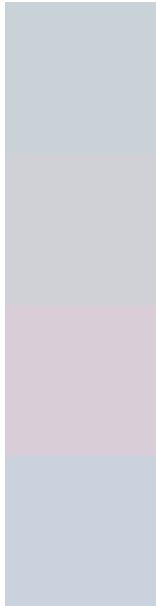
Deuteranopia

84, 11.171, 338.960



Tritanopia
84, 8.734, 274.720

Trichromacy



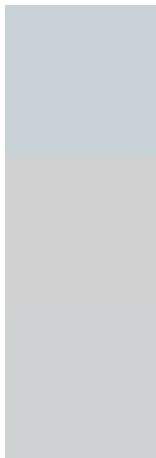
Original Color
84, 4.097, 230.352

Protanomaly
84, 2.663, 282.698

Deuteranomaly
84, 6.639, 327.244

Tritanomaly
84, 6.872, 266.666

Monochromacy



Original Color
84, 4.097, 230.352

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 1.527, 219.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 4.097, 230.352 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(201, 211, 215)` looks like.

```
.text, #text, p{  
    color:rgb(201, 211, 215)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(201, 211, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 211, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 4.097, 230.352 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 211, 215) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(201, 211, 215) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(201, 211, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 211, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 211, 215);  
box-shadow:4px 4px 4px 4px rgb(201, 211,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 4.097, 230.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 211, 215) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(201,  
211, 215) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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